



03-21-05

IFW #1

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Appl No. : 10/828,844 Confirmation No. 5306
Applicant : Charles W. Alvord
Filed : 04/21/2004
TC/A.U. : 1753
Examiner : Jeffrey Thomas Barton
Docket No. : 30392.00
Customer No. : 22465

Assignee : Molecular Technologies, Inc.
Title : Solid-State Beta Detector for Microfluidic Devices
Express Mail : EV 456504455 US

Commissioner for Patents
P. O. Box 1450
Alexandria VA 22313-1450

RESPONSE TO PAPER NUMBER 20041208
MAILED DECEMBER 14, 2004

Sir:

In response to the Office action of December 14, 2004, please amend the above-identified application as follows:

Amendments to the Specification begin on page 2 of this paper.

Amendments to the Claims are reflected in the listing of claims which begins on page 3 of this paper.

Amendments to the Drawings begin on page 8 of this paper and include both an attached replacement sheet and an annotated sheet showing changes.

Remarks/Arguments begin on page 9 of this paper.

An **Appendix** including amended drawing figures is attached following page 14 of this paper.